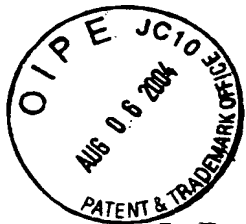


08-09-04

1798

DOCKET NO.: NUMO-0030

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Alfred N. Basilicao and Louis M.

Confirmation No.: 8729

Notarianni

Application No.: 10/805,698

Group Art Unit: Unknown

Filed: March 22, 2004

Examiner: Unknown

For: Boom Device for Presentation Appliances

EXPRESS MAIL LABEL NO: EV325639716US  
DATE OF DEPOSIT: August 6, 2004

EV325639716US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PETITION UNDER 37 CFR § 1.53(e) TO ESTABLISH RECEIPT IN THE P.T.O. OF  
ITEM(S) CONSIDERED AS OMITTED BY THE P.T.O. IN THE

☐ "NOTICE OF OMITTED ITEMS"

☒ "NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION"

1. This is in response to the

☐ "NOTICE OF OMITTED ITEMS"

☐ "NOTICE OF INCOMPLETE APPLICATION"

☒ "NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL  
APPLICATION"

mailed for this application on June 7, 2004.

☒ A copy of the

☐ "NOTICE OF OMITTED ITEMS"

☐ "NOTICE OF INCOMPLETE APPLICATION"

☒ "NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL  
APPLICATION"

08/10/2004 SZEWDIE1 00000128 10805698

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is enclosed.

2. Applicant submits herewith:

- A. A true and correct copy of the application, including Figure 4 of the above-referenced patent application filed March 22, 2004.
- B. A true and correct copy of Patent Application Transmittal noting the submission of four sheets of formal drawings being submitted with patent application.
- C. A true and correct copy of U.S. Patent Application Checklist used as a precautionary measure by our firm to review and confirm, just prior to application deposit, that all items required for filing in the patent application were placed in the Express Mail Envelope. This checklist was reviewed, signed and dated by Bruce D. George, the attorney assigned to this matter, and Judy A. Matteo, Mr. George's secretary.

3. In accordance with the requirements of MPEP § 601.01(g), revised May 2004, Applicant herewith submits the following:

- A. Petition To Establish Receipt In The P.T.O. Of Item(S) Considered As Omitted By The P.T.O. in the Response To "Notice To File Missing Parts Of Nonprovisional Application"
- B. Supporting evidence including true and correct copies of application as-filed on March 22, 2004, Patent Application Transmittal and U.S. Patent Application Checklist

4. Fee Payment

- ☒ A check in the amount of **\$130.00** is attached. Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.
- ☐ Please charge Deposit Account No. 23-3050 the amount of **\$130.00**. This sheet is attached in duplicate.
- ☒ The Commissioner is hereby authorized to charge payment of the above fees associated with this communication or credit any overpayment to Deposit Account No. 23-3050. This sheet is attached in duplicate.

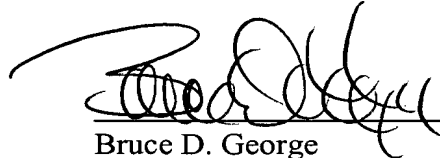
A duplicate of this paper is attached.

5. Request for Refund For Petition Fee Under 37 CFR § 1.53(e)

It is respectfully requested that, upon grant of the petition under 37 § 1.53(e), the petition fee be refunded by crediting Deposit Account No. 23-3050.

This paper is submitted in duplicate.

Date: Aug 6, 2004

  
\_\_\_\_\_  
Bruce D. George  
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**BOOM DEVICE FOR PRESENTATION APPLIANCES****RELATED INVENTION**

[0001] This application claims benefit of U.S. Provisional Application Serial No. 60/456,742, filed March 21, 2003, entitled "BOOM DEVICE FOR PRESENTATION APPLIANCES," which is incorporated herein, in its entirety, by this reference.

**FIELD OF THE INVENTION**

[0002] The present invention relates to a stand to support a screen or interactive whiteboard, a computer, and a projector, the stand being designed to provide an all-in-one presentation station.

**BACKGROUND OF THE INVENTION**

[0003] Presentation appliances, comprising an interactive board, a computer, and a projector are often taken on the road for presentation purposes. Temporary set-up at tradeshow or visiting conference rooms is difficult and cumbersome, and can result in a less than ideal presentation. What is needed is a mobile and convenient stand that provides support for the interactive board, computer, projector, and related wiring, while allowing for proper relative arrangement of the projector to the board to provide good visual presentation.

**SUMMARY OF THE INVENTION**

[0004] The present invention is a support stand designed to provide an all-in-one mobile presentation station, accommodating an interactive board, a computer, a projector and all required wiring of a presentation appliance. In one aspect of the present invention, the stand for a presentation appliance includes a plurality of vertical poles that support a presentation board and projector of the presentation appliance. A boom arm retains the projector of the presentation appliance, where a middle or a proximal end of the boom arm is in communication with the vertical poles and a distal end of the boom arm is adapted to support the projector. The stand also includes a base associated with the vertical poles, or a base associated with each vertical pole. The base or bases are adapted to balance and

counteract a moment of the projector about the vertical poles. A weight supported by the boom arm on a side of the vertical poles opposite the projector can also be included, the weight being adapted, in conjunction with the base, to counteract a moment of the projector.

[0005] In another aspect of the invention, a support stand for a projector and screen is provided that includes a first set of upright members in communication with a screen, a second set of upright members in communication with a projector, and a base connecting the first and the second set of upright members. A boom arm, movably attached to the second set of upright members, can be included to support the projector. The boom arm could also support a weight, where the weight is positioned to counterbalance the projector about the second set of upright members, or where the weight acts to minimize vibration of the projector. The weight can be attached to the boom arm by a flexible, elastic, or spring-loaded mechanism to absorb energy translated through the upright members.

[0006] In another aspect, a dampening device is positioned between the first and the second set of upright members to absorb energy transferred to the board, thereby minimizing vibration of the projector. Further, a shelf could be positioned between and in communication with the first or the second set of upright members to accommodate a computer, printer or other presentation devices. Separate base members could connect each of a respective first and second upright member of a set, or a single base could attach all upright members.

## BRIEF DESCRIPTION OF THE DRAWINGS

[0007] For the purpose of illustrating the embodiments of the present invention, there is shown in the drawings forms presently preferred; it being understood, however, that the present invention is not limited to the precise arrangements and instrumentalities shown:

[0008] Figure 1 illustrates a front perspective view of a boom device or support stand in accordance with one embodiment of the present invention, showing the boom device supporting a projector and board of a presentation appliance;

[0009] Figure 2 illustrates a side perspective view of a boom device or support stand in accordance with another embodiment of the present invention, showing the boom device supporting a projector and board of a presentation appliance;

[0010] Figure 3 illustrates a front perspective view of the boom device of Figure 2;

[0011] Figure 4 illustrates a front perspective view of the boom device of Figure 2 without the projector or board.

## DETAILED DESCRIPTION OF ILLUSTRATIVE EMBODIMENTS

[0012] The boom stand or support stand 110 is designed as an all in one mobile presentation station, accommodating a screen or interactive board, a computer, a projector and all required wiring of a presentation appliance. In a first embodiment of the present invention, illustrated in Figure 1, a projector 112 hangs from an end of a boom arm 114, and is mounted on a swivel bracket 116, which could be a universal swivel mount bracket. With the projector 112 hanging in this position, the floor space directly in front of an interactive whiteboard 118 is free for easy demonstration. In addition, the quality of the projected image is improved because the apparent projected hot spot visible on the board surface is moved to the top of the surface area, rather than the bottom, making it less noticeable. Further, due to the "projection from above configuration", the presenter is not constantly stepping into the projected image, as occurs when using a floor or table mounted projector.

[0013] The boom arm 114 is directly attached, in this embodiment, to the support structure accommodating the board (e.g., the mobile stand), as shown in Figure 1. The support structure can include two support stands 120, two vertical poles 122, and a horizontal bar 124. The boom arm 114 is attached in the vicinity of the center of the horizontal bar 124. This attachment can be adjustable along the bar 124 in order to align a center of a lens of the projector 112 to a center of the board 118. The swivel bracket 116 could also be adapted for such adjustment. The boom stand 110 can be aluminum, fiberglass, titanium, a combination of aluminum and fiberglass, or can be of other materials having a high strength to weight ratio.

[0014] The support stands 120 (each stand 120 forming a "T" with a respective vertical pole 122 when inverted) can be made of heavy materials, such as solid steel, brass, or lead, to counteract the weight and moment arm of the projector 112 and the boom arm 114. Alternatively, the support stands 120 could be filled with material suitable to provide the counteractive weight. Further, the length of each stand "L" could be increased to provide counteracting balance.

[0015] The boom arm 114, in this embodiment, includes a proximal bar 126 and a distal bar 128, a distal end of the distal bar 128 communicating with the swivel bracket

116. Attachment point "P" of the proximal and the distal bars 126, 128 can be translatably adjustable to set a distance of the projector 112 from the board 118 for desired or proper throw distance based on a rating of the projector 112. Accordingly, the boom device 110 can accommodate any short or long throw projector.

[0016] To further provide a counterbalance for the projector 112 about the support structure, the proximal arm 126 could extend beyond (behind) the horizontal bar 124 (shown as arrow "E" in Figure 1), with a suitable counterweight 130 fixed thereon. Any one or any combination of the counterbalance techniques discussed above could be employed in an embodiment of the present invention.

[0017] A shelf 132 could also be provided on the boom device 110 to accommodate a computer and/or printer. Electrical power could be provided via an outlet strip 134 mounted to the underside of the shelf 132 (one electrical cord could thereby provide all required power). Common hand tools are all that is required assemble/disassemble the boom device 110, making it very suitable for quick and easy assembly in the field, such as at tradeshow.

[0018] Figure 1 also illustrates a tarp, surround sign, or background panel 136, as would be typically used at tradeshow. The legs 138 shown in Figure 1 support the background panel 136. The background panel 136 could, however, be incorporated into and supported by the boom device 110 in other embodiments of the present invention.

[0019] Another embodiment of the invention is illustrated in Figures 2 through 4. In this embodiment, the projector 212 hangs from a boom arm 214 supported by uprights separate from those responsible for support of the screen or board 218. This configuration provides a dampening effect, where a tapping of the board 218, as typically occurs with use of an interactive board, does not result in a transfer of energy (movement) through the support stand 210 to the projector 212, causing movement to or waving of the projected display on the screen 218.

[0020] In this embodiment, the boom device or support stand 210 includes two bases 220, two sets of upright support members 222, 224, and the boom arm 214 to support the projector 212. The base 220 can include any arrangement of members 226 providing stability and balance for the stand 210. In one aspect, the base members 226 are configured in a "T" (as viewed from above). The base 220 can also include wheels for mobility.

[0021] The first (or front) set of upright support members 222 are interconnected by a horizontal bar 228. The interconnecting bar 228 can be of a length just sufficient to reach

and connect the first set of uprights 222, or the bar 228 can extend beyond the first set of uprights 222, on one or both sides (as shown in Figures 2 through 4), to accommodate the hanging of a background curtain, or promotional banner, or the like. The screen or board 218 is simply hung on the front set of uprights 222, and/or the horizontal bar 228, with hangers or clips 230 (as shown in Figure 4).

[0022] The second (or back) set of upright support members 224 are interconnected by midway bracing bars 232 and a top bar 234. The boom arm 214 can be fixed or adjustably connected to the top bar 234. The boom arm 214 can begin at attachment point "A" of the top arm 234 and extend outwardly (or forwardly) in one direction only for projector 212 support (as shown in Figure 4), or the boom arm can extend in two directions from attachment point "A" (as shown in Figures 2 and 3) to also support a counterbalance, or weight 236 behind the screen 218. The weight 236 can be fixedly attached to the boom arm 214, or can communicate with the boom arm 214 through a flexible, elastic or spring-loaded mechanism 238 (as shown in Figures 2 and 3). One or more projector support braces 240 can assist support of the projector 212 through connection between the boom arm 214 and a midway bar 232 or the second (back) set of uprights 224.

[0023] As illustrated in Figures 2 through 4, each set of upright support members 222, 224, includes two bars. It is to be understood that alternative embodiments of the present invention could include one, or three, or more bars in each set of upright support members 222, 224. Adaptation of the base 220 to accommodate these alternative embodiments would be required, such as by having a base member 226 interconnect the bases 220 to accommodate a single bar set of uprights 222, 224, or by simply adding a base 220 for a three bar set of upright support members 222, 224.

[0024] In the embodiment illustrated in Figures 2 through 4, the first and the second sets of uprights 222, 224 are not attached, or do not communicate, with one another other than through a mutual attachment to base members 226. Base brace members 242 are each connected to a respective base member 226 and second (back) upright support member 224. There is no communication between a base brace member 242 and a first (front) upright support member 222.

[0025] The independently configured first and second sets of uprights 222, 224 help contain, or minimize, any translation of movement from the board 218, as typically occurs with use of a board of an interactive presentation appliance, to the projector, which subsequently results in movement of the display on the board 218. To further alleviate the translation of movement, a shock absorbing or dampening device 244 can be positioned



between the first and the second sets of uprights 222, 224. The dampening device 244 can be located anywhere, and exist in any number, between the first and the second sets of uprights 222, 224, but preferably one device 244 exists per pair of respective first and second uprights 222, 224, and is located toward the top of the first set of uprights 222 (as shown in Figure 2). The dampening device 244 could simply be a wedge of foam or similar material, or could be a spring or air cylinder.

[0026] In addition to acting as a counterbalance for the projector 212, the weight 236, especially if provided with a flexible, elastic or spring-loaded mechanism 238, also acts to dampen any motion transferred from the board, through the first and the second set of uprights 222, 224, to the boom arm 214. Motion of the boom arm 214, relative to the weight 236, is absorbed by the flexible, elastic or spring-loaded mechanism 238 rather than transferred to the projector 212, setting it in motion.

[0027] The embodiment illustrated in Figures 2 through 4 includes use of a short throw projector 212. Accordingly, in this embodiment, a distance "D" is approximately 20 inches. Naturally, any projector could be mounted to the boom device 210. With longer throw projectors, the distance "D" might be closer to 5 feet, with the additional moment counterbalanced about the second set of uprights with a larger weight 236 and/or larger or heavier base members 226.

[0028] Either embodiment of the boom device 110, 210 could be constructed from an extruded aluminum structural framing system, having slots and slidable "T-nuts" providing ease of construction, breakdown, and transportation, as is necessary for repetitive temporary use, such as during tradeshow or traveling conference calls. Welded, adhered, or self-tapping screw applications could also be used. The second embodiment illustrated in Figures 2 through 4 can also include a shelf like that shown and described in the embodiment of Figure 1.

[0029] These and other advantages of the present invention will be apparent to those skilled in the art from the foregoing specification. Accordingly, it is recognized by those skilled in the art that variations or modifications may be made to the above-described embodiments without departing from the broad inventive concepts of the invention. It is therefore understood that this invention is not limited to the particular embodiments described herein, but is intended to include all possible variations and modifications within the scope and spirit of the invention.

What is claimed:

1. A support stand for a presentation appliance, comprising:
  - a plurality of vertical poles that support a presentation board of the presentation appliance;
  - a boom arm that retains a projector of the presentation appliance, wherein a proximal end of the boom arm is in communication with the vertical poles and a distal end of the boom arm is adapted to support the projector;
  - a base associated with each vertical pole, wherein the base is adapted to balance and counteract a moment of the projector retained on the boom arm; and
  - a weight supported by the boom arm on a side of the vertical poles opposite the projector, the weight being adapted, in conjunction with the base, to counteract a moment of the projector.
2. A support stand apparatus for a projector and screen, comprising:
  - a first set of upright members in communication with a screen;
  - a second set of upright members in communication with a projector, wherein the projector is located above and in front of the screen; and
  - a base connecting the first and the second set of upright members.
3. The apparatus of claim 2, further comprising a boom arm movably attached to the second set of upright members, wherein one end of the boom arm supports the projector.
4. The apparatus of claim 3, wherein the boom arm also supports a weight, wherein the weight is positioned to counterbalance the projector about the second set of upright members.
5. The apparatus of claim 3, wherein the boom arm also supports a weight, the weight acting to minimize vibration of the projector, and thereby to a projected display, caused by energy translated through the second set of upright members.
6. The apparatus of claim 3, wherein the weight is attached to the boom arm by a flexible, elastic, or spring-loaded mechanism to absorb energy translated through the second set of upright members.
7. The apparatus of claim 2, further comprising a dampening device positioned between the first and the second set of upright members to absorb energy transferred to the board, thereby minimizing vibration of the projector.

8. The apparatus of claim 2, further comprising a shelf positioned between and in communication with the first or the second set of upright members to accommodate a computer, printer or presentation devices.
9. The apparatus of claim 2, wherein a separate base member connects each of a respective first and second upright member.

**ABSTRACT**

The present invention is a boom device or support stand designed to provide an all-in-one mobile presentation station, accommodating an interactive board or viewing screen, a computer, and a projector. In one embodiment, the stand includes a base, two sets of upright support members, one set to support the board and the second set to support the projector through attachment to an intermediary boom arm. A weight can also be attached to the boom arm to counterbalance the projector about the second set of uprights or to minimize energy transferred to the projector through movement or vibration of the boom device, usually via operator interaction with the board. A dampening device can be positioned between the first and second uprights to further absorb this energy. The boom device can also include a shelf to house a computer and other presentation devices.



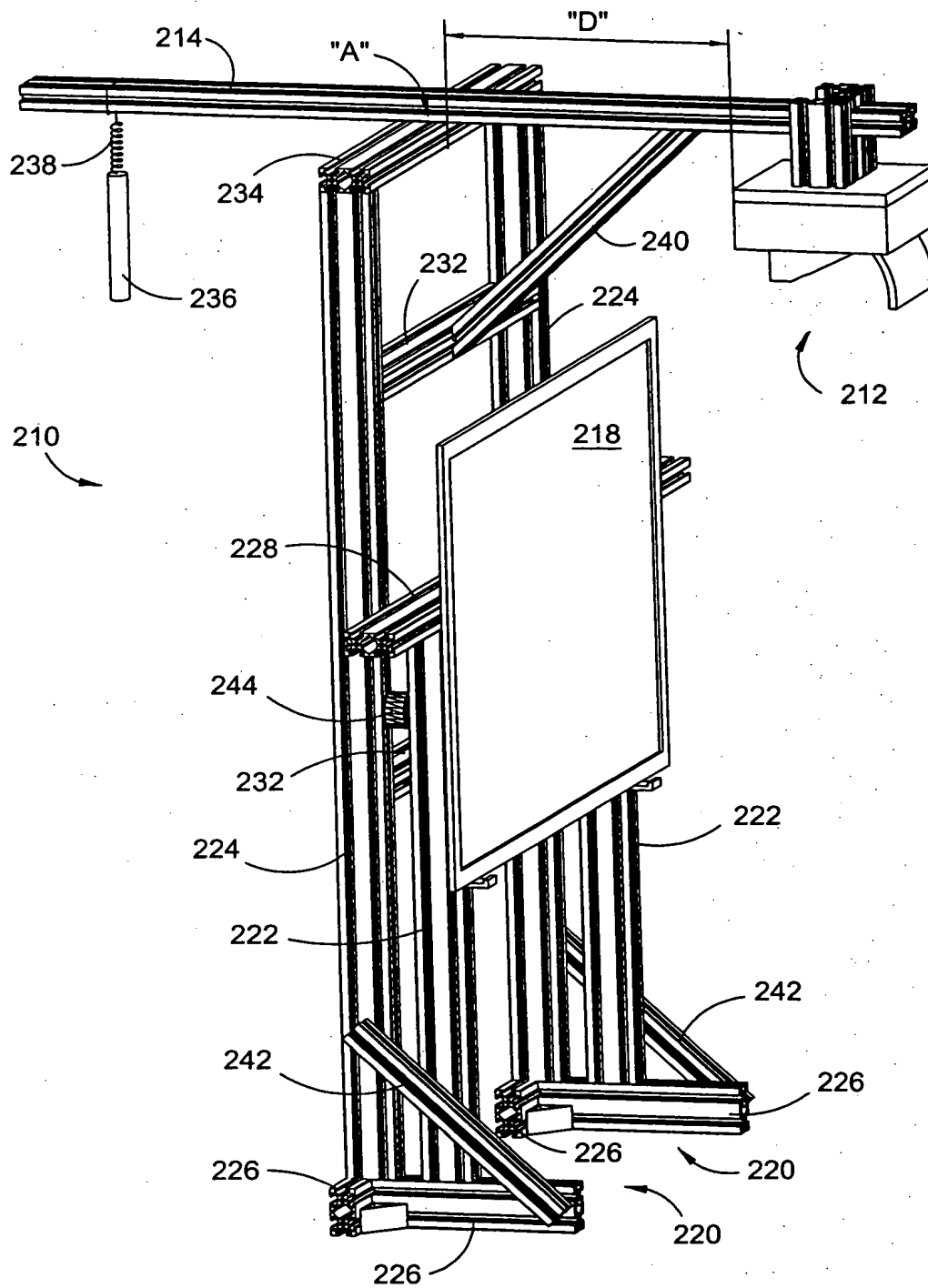
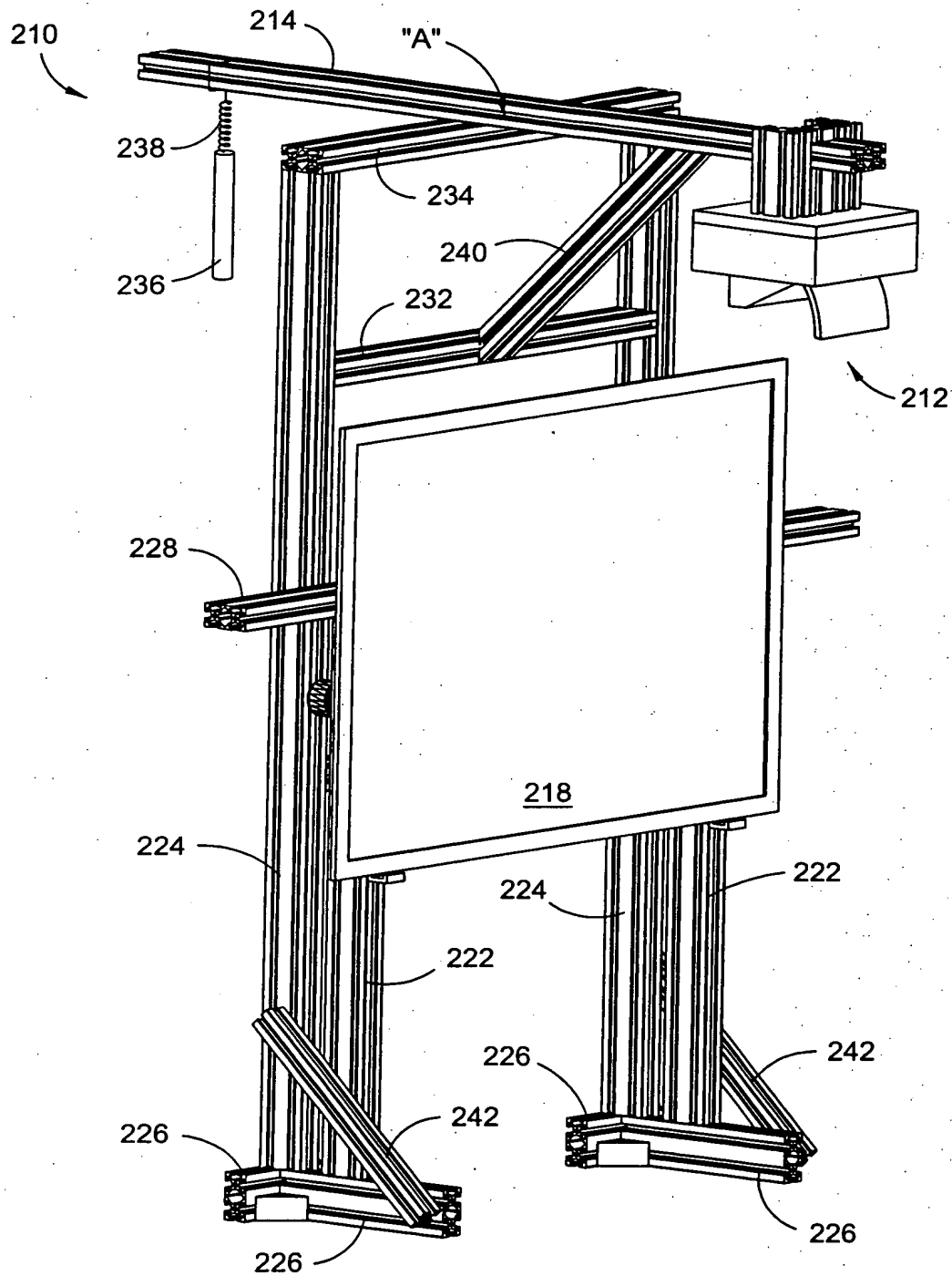


Fig. 2



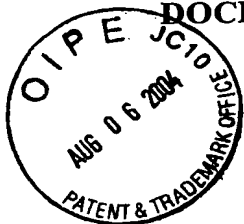
*Fig. 3*

*Fig. 4*



DOCKET NO.: NUMO-0030

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Alfred N. Basilicato; Louis M. Notarianni

For: Boom Device For Presentation Appliances

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

The above identified application is a:

*(check one applicable item below)*

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Original  | <input type="checkbox"/> Divisional                 |
| <input type="checkbox"/> Continuation         | <input type="checkbox"/> U.S. National Stage of PCT |
| <input type="checkbox"/> Continuation-in-Part |   |

My full name (including family name and at least one given name without abbreviation), full post office address, city and state of actual residence and citizenship are as stated below.

I believe that the named inventor(s) is/are the original, first of the subject matter which is claimed and for which a

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Utility Patent | <input type="checkbox"/> Design Patent |
|--|--|

is sought on the invention, whose title appears above, the application of which:

- |                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | is attached hereto  |
| <input type="checkbox"/>            | was filed on _____, as U.S. Application Number _____  |
| <input type="checkbox"/>            | and was amended on _____ (if applicable)  |
| <input type="checkbox"/>            | was described and claimed in PCT International Application Number _____, filed on _____ and as amended under PCT Article 19 on _____ and/or PCT Article 34 on _____ |

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

**DISCLOSURE AND/OR CLAIM FOR PRIORITY UNDER  
35 U.S.C. §§ 119(a)-(d) OF FOREIGN APPLICATIONS FOR PATENT (OR  
INVENTOR'S CERTIFICATE FILED WITHIN 12 MONTHS (6 MONTHS FOR  
DESIGN) OF THIS APPLICATION**

I hereby claim foreign priority benefits under Title 35, United States Code §§ 119(a)-(d) of any foreign applications for patent, inventor's certificate or PCT international application designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent, inventor's certificate or any PCT international application designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Country (or indicate if PCT)	Application Number	Date of Filing (day, month, year)	Priority Claimed Under 37 USC § 119a-d			
			<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
			<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
			<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
			<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

**DISCLOSURE OF FOREIGN APPLICATION(S) IF ANY,  
FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN)  
PRIOR TO THE FILING OF THIS APPLICATION**

Country (or indicate if PCT)	Application Number	Date of Filing (day, month, year)

**CLAIM FOR PRIORITY OF UNITED STATES APPLICATIONS  
OR PCT APPLICATIONS FILED  
IN THE UNITED STATES RECEIVING OFFICE  
UNDER 35 U.S.C. § 120**

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date Filed	Status Patented/Pending/Abandoned

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)  
UNDER 35 U.S.C. § 119(e)**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application No.	Filing Date
60/456,742	March 21, 2003

**POWER OF ATTORNEY**

- ☒ I hereby appoint all the practitioners associated with Customer Number 23377 (which is the Customer Number assigned to Woodcock Washburn LLP) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Each practitioner associated with Customer Number 23377 is an attorney registered before the United States Patent and Trademark Office.

**23377**

PATENT TRADEMARK OFFICE

- ☐ I hereby appoint the following persons of the firm of WOODCOCK WASHBURN LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney/Patent Agent	Registration No.

Address all telephone calls, correspondence and maintenance fee correspondence to:

Bruce D. George, Esquire  
WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone No.: (215) 568-3100  
Facsimile No.: (215) 568-3439

DOCKET NO.: NUMO-0030

- 5 -

PATENT

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of sole or first joint inventor**

Alfred

*(Given Name)*

N.

*(Middle Initial or Name)*

Basilicato

*(Family or last name)*

**City/State of Actual Residence:** Moorestown, New Jersey

**Mailing Address:**

*(include street address, city, state,  
and zip code)*

734 Mill Street

Moorestown, New Jersey 08057

**Country of Citizenship:** United States of America

**Inventor's signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of second joint inventor**Louis*(Given Name)*M.*(Middle Initial or Name)*Notarianni*(Family or last name)***City/State of Actual Residence:** Hatboro, Pennsylvania**Mailing Address:***(include street address, city, state,  
and zip code)*451 Jefferson AvenueHatboro, Pennsylvania 19040**Country of Citizenship:** United States of America**Inventor's signature:** \_\_\_\_\_**Date:** \_\_\_\_\_

**DOCKET NO.: NUMO-0030**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In Re Application of:**

**Alfred N. Basilicato; Louis M. Notarianni**

**For: Boom Device For Presentation Appliances**

**EXPRESS MAIL LABEL NO: EL 969189169 US**  
**DATE OF DEPOSIT: March 22, 2004**

**EL 969189169 US**

☒ Mail Stop Patent Application ☐ Mail Stop Design ☐ Mail Stop Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**PATENT APPLICATION TRANSMITTAL LETTER**

**Transmitted herewith for filing, please find:**

☒ A Utility Application under 37 CFR § 1.53(b).

**The above-identified application includes the following:**

☒ A Request for Nonpublication

☒ A Specification including claims and abstract on pages 1 to 9.

☐ A copy of the specification including claims and abstract (pages - ) and drawings and appendixes (if any) of earlier Application No. filed , to which no new matter has been added. Such earlier application is hereby incorporated into the present application by reference.

☒ A New Unexecuted Declaration or Oath and Power of Attorney.

☐ A New Executed Declaration or Oath and Power of Attorney.

☐ A copy of the executed oath or declaration filed in the earlier application identified above is attached.

DOCKET NO.: NUMO-0030

PATENT

- ☐ An Associate Power of Attorney executed by \_\_\_\_\_ who is listed in the copy of the executed Declaration and Power of Attorney filed herewith.
- ☐ A Copy of the Power of Attorney with Revocation filed in prior Application No. \_\_\_\_\_
- ☐ Signed Statement deleting inventor(s) named in the prior application.
- ☐ This application claims foreign priority under 35 U.S.C. § 119 of Application No. \_\_\_\_\_ filed in \_\_\_\_\_ (Country).
- ☐ A Certified Copy of each of the above applications for which priority is claimed:
  - ☐ is enclosed.
  - ☐ has been filed in prior Application No. \_\_\_\_\_ filed \_\_\_\_\_
- ☒ 4 Sheets of Formal Drawings and/or Photographs.
  - ☐ Figure \_\_\_\_\_ should be published.
  - ☐ Petition to Accept Color Photographs is enclosed.
- ☐ This continuation/divisional application is assigned of record to \_\_\_\_\_ as evidenced by the assignment recorded on \_\_\_\_\_ at Reel No. \_\_\_\_\_ and Frame No. \_\_\_\_\_
- ☐ A newly Executed Assignment transferring rights to \_\_\_\_\_
  - ☐ A Recordation Form Cover Sheet.
  - ☐ Recordation Fee - \$40.00.
- ☐ A Preliminary Amendment is enclosed.
- ☐ A Sequence Listing consisting of pages 1- \_\_\_\_\_
  - ☐ Diskette containing Sequence Listing is enclosed.
  - ☐ The computer readable form in the above-identified application is identical with that filed in Application Number \_\_\_\_\_, filed \_\_\_\_\_. In accordance with 37 CFR § 1.821(e), please use the sequence listing filed on \_\_\_\_\_ and received by the PTO on \_\_\_\_\_ as the computer readable form filed in that application as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the computer readable form that will be used for the instant application.
  - ☐ A paper copy of the Sequence Listing:



DOCKET NO.: NUMO-0030

PATENT

- ☐ was filed in the above-identified parent application on \_\_\_\_\_ and received by the PTO on \_\_\_\_\_.
- ☐ is included herewith in a separately filed preliminary amendment for incorporation into the specification.
- ☐ A Statement to Support Submission of Sequence Information is enclosed.
- ☐ Information Disclosure Statement including:
- ☐ Form 1449.
- ☐ Copies of References - \_\_\_\_\_ listed on the attached Form PTO-1449.
- ☐ A copy of Petition for Extension of Time as filed in the prior case for copendency.
- ☐ Appended Material as follows:
- ☒ Return Receipt Postcard (should be specifically itemized).

FEE CALCULATION:

- ☒ Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR § 1.27 as a Small Business.

			SMALL ENTITY		NOT SMALL ENTITY	
			RATE	FEE	RATE	FEE
DESIGN APPLICATION BASE FEE			\$170.00	\$0.00	\$340.00	
UTILITY APPLICATION BASE FEE			\$385.00	\$385.00	\$770.00	
UTILITY APPLICATION; ALL CLAIMS CALCULATED AFTER ENTRY OF ALL AMENDMENTS						
	No. Filed	No. Extra				
TOTAL NO. OF CLAIMS	9- 20 =	0	\$9 each	\$0.00	\$18 each	
NO. OF INDEPENDENT CLAIMS	2- 3 =	0	\$43 each	\$0.00	\$86 each	
MULTIPLE DEPENDENT CLAIM FEE			\$145	\$0.00	\$290	
ADDITIONAL FILING FEE				\$0.00		
TOTAL FILING FEE DUE				\$385.00		

- ☒ A Check in the amount of **\$385.00** is attached. Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.
- ☐ Please charge Deposit Account No. 23-3050 in the amount of \$ \_\_\_\_\_.00. This sheet is attached in duplicate.

**DOCKET NO.: NUMO-0030**

**PATENT**

- ☒ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account No. 23-3050. This sheet is provided in duplicate.
- ☒ Address all correspondence to Customer No. 23377.



**23377**

PATENT TRADEMARK OFFICE

- ☒ Direct all telephone calls to:

Bruce D. George, Esquire  
WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone No.: (215) 568-3100  
Facsimile No.: (215) 568-3439

**SHOULD ANY DEFICIENCIES APPEAR** with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the United States Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

Date: March 22, 2004

  
\_\_\_\_\_  
Bruce D. George  
Registration No. 43,631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

**Alfred N. Basilicato; Louis M. Notarianni**

**For: Boom Device For Presentation Appliances**


Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR NONPUBLICATION UNDER 37 CFR § 1.213(a)**

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requests publication at eighteen months after filing.

I hereby request that the attached application not be published under 37 CFR § 1.213 (a). This request is signed in compliance with 37 CFR § 1.33(b) and is being submitted with the application **upon filing**.

Date: March 22, 2004



Bruce D. George  
Registration No. 43,631

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

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DOCKET NUMBER: NUMO-0030

## U.S. PATENT APPLICATION CHECKLIST

Inventors: Alfred N. Basilicato; Louis M. Notarianni

For: Boom Device For Presentation Appliances

### ☐ PROVISIONAL PATENT APPLICATION

- ☐ Ready      The specification is correct.
- ☐ Ready ☐ N/A      Drawings, if any, are correct.
- ☐ Ready ☐ N/A      Drawings include photos; (Docket for 2 Months to obtain originals.)
- ☐ Ready      Inventorship is correct.
- ☐ Ready      Provisional cover sheet is correct.

### ☐ "REGULAR" UTILITY PATENT APPLICATION

- ☒ Ready      The specification is correct.
- ☒ Ready ☐ N/A      Drawings, if any, are correct.
- ☐ Ready ☒ N/A      Drawings include photos; (Docket for 2 Months to obtain originals.)
- ☒ Ready      Inventorship is correct.
- ☒ Ready      Declaration attached is ☐ Executed ☒ Unexecuted
- ☐ copy of that filed with parent application.
- ☐ Ready ☒ N/A      Foreign and PCT priority applications, if any, are correctly listed.
- ☐ Ready ☒ N/A      Specification has been amended to state that international Application is in English.
- ☐ Ready ☒ N/A      Application is a ☐ Continuation ☐ Divisional ☐ CIP of prior U. S. Application Ser. No. \_\_\_\_\_ filed \_\_\_\_\_, and U. S. prior applications are correctly listed in Specification and on transmittal.
- ☐ Ready ☒ N/A      Application is a ☐ Continuation ☐ Divisional and Notice of Recordation and assignment recorded in parent application has been placed in file (new assignment required for CIPs)
- ☐ Ready ☒ N/A      Statement requesting deletion of names of non-inventors is correct.
- ☐ Ready ☒ N/A      Preliminary amendment is attached.
- ☐ Ready ☒ N/A      Petition for extension of time in parent has been filed and is attached.
- ☐ Ready ☒ N/A      Information Disclosure Statement, Form 1449 and related art attached.
- ☒ Ready ☐ N/A      Transmittal is correct and in duplicate.

☒ Ready ☐ N/A Request for Non-publication has been filed in accordance with client instructions.

☐ **CPA APPLICATION – PARENT TO BE ABANDONED UPON FILING**

☐ Ready CPA request form transmittal is correct and in duplicate.

☐ Ready ☐ N/A Statement requesting deletion of names of non-inventors is correct.

☐ Ready ☐ N/A Preliminary amendment is attached.

☐ Ready ☐ N/A Petition for extension of time in parent is filed herewith.

☐ Ready ☐ N/A Request for Non-publication has been filed in accordance with client instructions.

☐ **DESIGN PATENT APPLICATION**

☐ Ready Specification and Drawings are correct and in duplicate.

☐ Ready Declaration is correct.

☐ Ready Inventorship is correct.

☐ Ready Transmittal letter is correct and in duplicate.

**FOR ALL FILINGS**

☒ Ready ☐ N/A Associate Power is correct (Requires original Declaration and Power).

☒ Ready ☐ N/A Application is entitled to small entity status.

☐ Executed form to be retained in file.

☐ Ready ☒ N/A Government rights, if any, are correctly referenced.

☐ Ready ☒ N/A Reference to Deposit of biological materials, if any, is correct.

☐ Ready ☒ N/A Reference to appended materials, if any, is correct. Type \_\_\_\_\_.

☐ Ready ☒ N/A Sequence listing forms part of application and either: ☐ Statement to support is correct and attached AND diskette is present, labeled and correct OR ☐ Letter of reference to prior submission is attached.

☒ Ready Receipt card lists all pieces and mailing address is to correct PTO box.

☒ Ready Express mail label matches transmittal form data, including date.

☒ Ready Payment is by ☒ check ☐ deposit account check off on transmittal.

**I APPROVE THIS APPLICATION FOR FILING:** I also certify that I have reviewed this checklist for filing the application and reviewed the contents that will be placed in the envelope and have instructed that every item listed on the Transmittal Letter is to be placed in the envelope for filing.

3/22/04

Date

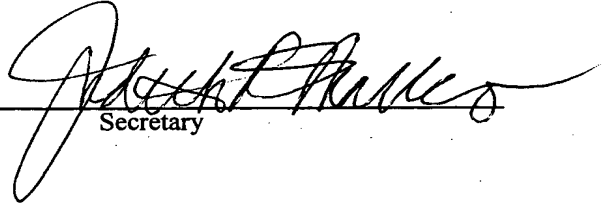
BDC

Attorney

I am the individual who placed the contents in, *and sealed*, the envelope addressed to the Commissioner for Patents for the new application indicated above. I certify that immediately before filling *and sealing* the envelope, I checked its contents and made sure that every item listed on the Transmittal Letter was in the envelope. *I also checked to ensure that the Express Mail Label and Date of Mailing appeared on the Transmittal Letter.*

3/22/04

Date



Secretary